GOVERNMENT OF INDIA
DRINKING WATER AND SANITATION
LOK SABHA

UNSTARRED QUESTION NO:4761
ANSWERED ON:30.03.2017
R&D Activities on Availability of Water for Toilets
Suman Shri Balka

Will the Minister of DRINKING WATER AND SANITATION be pleased to state:

(a) the details of Research and Development activities undertaken by the Government to bridge the gap between the urban and rural areas of the country in the quantum of water available for toilets;
(b) whether the Expert Committee headed by Dr. R.A. Mashelkar which examined the innovative technologies, has submitted its report and if so, the details thereof; and
(c) whether his Ministry has signed a Memorandum of Understanding (MoU) with Defence Research and Development Organisation (DRDO) to adopt the DRDO model of bio-toilet and if so, the details thereof?

Answer

MINISTER OF STATE FOR MINISTRY OF DRINKING WATER & SANITATION
(SHRI RAMESH CHANDAPPA JIGAJINAGI)

(a) No, Madam.
(b) The Expert Committee under the chairmanship of Dr R.A. Mashelkar has been constituted to suggest new innovative technologies in Sanitation. The committee have accredited 10 innovative technologies in Sanitation as under .

S.N.	Accredited Innovative Technologies
1.	Water less urinals (URIMAT)
2.	Fluidized Media Reactor for LWM
3.	Textile Reinforced Concrete Modular Toilet (ATIRA)
4.	Plastic - Tar Road (TCE)
5.	Pre Assimilated Technology (PAT)(Quash)
6.	Soil Bio Technology (SBT) (IIT Bombay)
7.	Phytorid Technology (NEERI)
8.	Anaerobic Bio-digestor Toilet (DRDO)
9.	Aerobic Bio-digestor Toilet
10.	Bioclean BD anaerobic facultative microbial cultures.(EOI-S- 53)

(c) The Ministry has signed a Memorandum of Understanding (MoU) with Defence Research and Development Organisation (DRDO) for implementation of bio-digester/bio-tank based eco-friendly toilets developed by DRDO, in Gram Panchayats. The Ministry has also written to the States to consider the use of this technology as one of the options for toilets under the rural sanitation programme, the Swachh Bharat Mission (Gramin) {SBM(G)}.

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